

Title (en)  
BATTERY TAB CONFIGURATION

Title (de)  
BATTERIELASCHENKONFIGURATION

Title (fr)  
CONFIGURATION DE LANGUETTE DE BATTERIE

Publication  
**EP 3613093 A4 20210120 (EN)**

Application  
**EP 18787951 A 20180418**

Priority  
• US 201762488009 P 20170420  
• US 2018028193 W 20180418

Abstract (en)  
[origin: WO2018195218A1] Systems and methods for constructing and assembling a battery are provided. A battery, may comprise a cell tab support and a plurality of stacked battery cells, where a portion of the cells extends through the cell tab support and is folded over on top of the cell tab support. Each of the plurality of stacked battery cells may comprise two oppositely charged electrode tab terminals bent in opposite directions below the cell tab support, and bent in the same direction over the top of the cell tab support.

IPC 8 full level  
**H01M 10/04** (2006.01); **H01M 50/211** (2021.01); **H01M 50/505** (2021.01); **H01M 50/516** (2021.01); **H01M 50/528** (2021.01); **H01M 50/55** (2021.01); **H01M 50/553** (2021.01); **H01M 50/562** (2021.01); **H01M 50/242** (2021.01); **H01M 50/289** (2021.01)

CPC (source: EP KR US)  
**H01M 10/613** (2015.04 - KR); **H01M 10/6551** (2015.04 - KR); **H01M 50/20** (2021.01 - KR); **H01M 50/211** (2021.01 - EP US); **H01M 50/502** (2021.01 - KR); **H01M 50/505** (2021.01 - EP US); **H01M 50/516** (2021.01 - EP US); **H01M 50/543** (2021.01 - KR); **H01M 50/55** (2021.01 - EP US); **H01M 50/553** (2021.01 - EP US); **H01M 50/562** (2021.01 - EP US); **H01M 10/613** (2015.04 - EP); **H01M 10/6551** (2015.04 - EP); **H01M 50/242** (2021.01 - EP US); **H01M 50/289** (2021.01 - EP US); **Y02E 60/10** (2013.01 - EP KR); **Y02P 70/50** (2015.11 - EP KR)

Citation (search report)  
• [IA] KR 20160111590 A 20160927 - SK INNOVATION CO LTD [KR]  
• [A] US 2008299453 A1 20081204 - SHINYASHIKI YOSHITAKA [JP], et al  
• [A] WO 2006101343 A1 20060928 - SK CORP [KR], et al  
• See references of WO 2018195218A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**WO 2018195218 A1 20181025**; CN 110537268 A 20191203; CN 110537268 B 20230404; EP 3613093 A1 20200226; EP 3613093 A4 20210120; JP 2020518095 A 20200618; JP 2023038347 A 20230316; KR 20190134788 A 20191204; US 2020136121 A1 20200430

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**US 2018028193 W 20180418**; CN 201880026381 A 20180418; EP 18787951 A 20180418; JP 2019556360 A 20180418; JP 2023010152 A 20230126; KR 20197033524 A 20180418; US 201816606701 A 20180418